



Technical drawing of the BH-142-1 battery assembly, showing front, top, and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: $32 \pm .50$ (1.26 $\pm$.02)
- Overall Height: $74 \pm .50$ (2.91 $\pm$.02)
- Bottom Section Height: $70 \pm .50$ (2.76 $\pm$.02)

Top View Dimensions:

- Overall Width: $133.50 \pm .50$ (5.24 $\pm$.02)
- Overall Height: $55 \pm .50$ (2.17 $\pm$.021)
- Internal Width (Left): $115.70 \pm .50$ (4.56 $\pm$.02)
- Internal Width (Right): 5.80 (2.28)
- Internal Height (Top): 203 ± 5 (7.98 $\pm$.197)
- Internal Height (Bottom): 4 ± 1 (.157 $\pm$.04)
- Internal Width (Bottom Left): 4×5.80 (.228)
- Internal Width (Bottom Center): 18.20 (.716)
- Internal Width (Bottom Right): 4×3.80 (.15)

Side View Dimensions:

- Overall Width: $94 \pm .50$ (3.70 $\pm$.20)
- Overall Height: $87.40 \pm .50$ (3.44 $\pm$.02)
- Internal Height (Left): $28.20 \pm .50$ (1.11 $\pm$.02)
- Internal Height (Right): $18.60 \pm .50$ (.932 $\pm$.02)

Internal Components and Features:

- BH-142-1 (Top Left)
- COMF (Top Center)
- "D" Cell (Bottom Left)
- UM-1X4 (Bottom Right)
- Red and Black wires (Left Side)
- Spring (Bottom Left)
- Spring (Top Right)
- Terminal (Top Left)
- Terminal (Top Right)
- Terminal (Bottom Right)

SPECIFICATIONS	
Wire:	AWG#22
	Black & Red 203mm ± 5mm
	Strip & Tin 4mm ± 1mm
Material:	P.P. Resin, Black Color
Spring:	1.0mm 65C Spring Wire
RoHS Compliant	

Specifications are subject to change without notice. No liability or warranty implied by this information. Environmental compliance based on producer documentation.

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